Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Missile Defense Agency

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

0400: Research, Development, Test & Evaluation, Defense-Wide I BA 4:

PE 0604881C I AEGIS SM-3 Block IIA Co-Development

Date: February 2018

Advanced Component Development & Prototypes (ACD&P)

		, ,	,									
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	2,215.425	102.272	9.739	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2,327.436
MD09: SM-3 Block IIA Co- Development	2,107.669	88.130	8.816	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2,204.615
MT09: SM-3 Block IIA Co- Development Test	34.551	11.424	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	45.975
MD40: Program-Wide Support	73.205	2.718	0.923	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	76.846

Program MDAP/MAIS Code: 362

Note

Decrease in funding from FY 2018 to FY 2019 due to completion of the Aegis SM-3 Block IIA Co-Development Program.

A. Mission Description and Budget Item Justification

The Aegis Ballistic Missile Defense (BMD) mission is to deliver an operationally effective and supportable BMD capability to defend the nation, deployed forces, and allies. Aegis BMD aims to increase this capability by delivering evolutionary improvements as part of Ballistic Missile Defense System (BMDS) upgrades. Aegis BMD provides a forward-deployable, mobile capability to detect and track ballistic missiles of all ranges, and the ability to destroy Short-Range Ballistic Missiles (SRBM), Medium-Range Ballistic Missiles (MRBM), and Intermediate-Range Ballistic Missiles (IRBM) in the midcourse phase of flight. Upgrades to both the Aegis BMD Weapon System and the Standard Missile-3 (SM-3) configuration enable Aegis BMD to provide effective, supportable defensive capability against longer range, more sophisticated threats and an enduring Aegis Ashore defensive capability.

Beginning in 2006, Aegis BMD and the Japanese Ministry of Defense (JMOD) have undertaken an SM-3 Cooperative Development (SCD) Project. The objective of the SCD project is the development and initial at-sea flight test of the SM-3 Block IIA. The U.S. and Japan will bear equitable burden to complete the project, as documented in the U.S./Japan Memorandum of Understanding (MOU) SCD Annex. Each nation will fund the full extent of its participation in the project. No funds are transferred between the U.S. and Japan under the MOU.

The SM-3 Block IIA provides important improvements over SM-3 Block IB capability, including increased velocity and range provided by a 21-inch diameter rocket motor propulsion stack, more than doubled seeker sensitivity, and more than tripled divert capability incorporated in an advanced Kinetic Warhead (KW). New component technologies include, but are not limited to: lightweight nosecone, advanced kinetic warhead, 21-inch second stage rocket motor, and 21-inch third stage rocket motor. The effort includes risk reduction for key components and supports EPAA Phase III.

PE 0604881C: AEGIS SM-3 Block IIA Co-Development Missile Defense Agency

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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Missile Defense Agency

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

0400: Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)

PE 0604881C I AEGIS SM-3 Block IIA Co-Development

Date: February 2018

Advanced Component Development & Frototypes (ACD&F)					
B. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	106.038	9.739	0.000	-	0.000
Current President's Budget	102.272	9.739	0.000	-	0.000
Total Adjustments	-3.766	0.000	0.000	-	0.000
 Congressional General Reductions 	0.000	0.000			
 Congressional Directed Reductions 	0.000	0.000			
 Congressional Rescissions 	0.000	0.000			
 Congressional Adds 	0.000	0.000			
 Congressional Directed Transfers 	0.000	0.000			
 Reprogrammings 	-1.557	0.000			
 SBIR/STTR Transfer 	-2.209	0.000			
 FY 2017 Request for Additional 	0.000	0.000	0.000	-	0.000
Appropriations					
 Missile Defeat and Defense Enhancement 	0.000	0.000	0.000	-	0.000
 Other Adjustment 	0.000	0.000	0.000	-	0.000

Change Summary Explanation

The increase in FY2018 from PB18 to PB19 provides Kinetic Warhead (KW) and Guidance Section (GS) qualification, required to complete SM-3 Block IIA Co-Development to meet EPAA Phase III time line.

Exhibit R-2A, RDT&E Project Ju	Exhibit R-2A, RDT&E Project Justification: PB 2019 Missile Defense Agency										Date: February 2018		
Appropriation/Budget Activity 0400 / 4					` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `				umber/Name) //-3 Block IIA Co-Development				
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost	
MD09: SM-3 Block IIA Co- Development	2,107.669	88.130	8.816	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2,204.615	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			

Note

Decrease in funding from FY2018 to FY2019 due to completion of the Kinetic Warhead and Guidance Section qualifications.

A. Mission Description and Budget Item Justification

The Scope of Work of the SCD project is defined in three phases:

Phase I took the program through System Design Review (SDR) in FY 2009. Aegis BMD executed risk reduction efforts for the Propulsion, Nosecone, Seeker, Divert Attitude Control System (DACS) development efforts, and test plans. Phase I Included requirements definition for the SM-3 Block IIA.

Phase II encompassed the work from SDR through the Critical Design Review (CDR) in FY 2014. Aegis BMD refined requirements and defined the performance allocation and component configuration for the development of the SM-3 Block IIA. The U.S. and Japan designed, fabricated, tested, and evaluated the SM-3 Block IIA sections per the agreed work-share agreement.

Phase III extends from CDR to the completion of the SCD flight test program as defined in the Agreement. This phase defines developmental cost share agreements between the United States and the Government of Japan, completes component engineering and integration, executes cooperative flight tests, and continues discussions on production and maintenance options. Phase III is planned to complete in FY 2018.

The SCD project will:

- Develop and integrate components for the SM-3 Block IIA into an All Up Round (AUR). Japan's work share includes 21 inch 2nd and 3rd stage components and the 21 inch nosecone. The U.S. work share includes the advanced kinetic warhead, advanced seeker, large diameter divert and attitude control system, and lightweight Vertical Launch System (VLS) canister.
- Integrate the SM-3 Block IIA VLS with Aegis Ship Systems.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019
Title: SM-3 Block IIA Cooperative Development (SCD)	88.130	8.816	0.000
Articles:	-	-	_
Description: This activity develops the SM-3 Block IIA which will increase the area that can be defended by Aegis Ballistic Missile Defense (BMD) and increase the probability of kill against a larger threat set. It will leverage enhanced capability provided by Ballistic Missile Defense System (BMDS) sensor upgrades. Recurring Accomplishments: - Prepare for and support BMDS Flight Test events as reflected in the IMTP and the Exhibit R-4 schedule			

PE 0604881C: AEGIS SM-3 Block IIA Co-Development Missile Defense Agency

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Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604881C / AEG/S SM-3 Block IIA Co- Development	Project (Number MD09 / SM-3 Block	•	elopment
B. Accomplishments/Planned Programs (\$ in Millions, Article Qu	uantities in Each)	FY 2017	FY 2018	FY 2019
- Develop and deliver lightweight VLS canisters in support of SCD te	sting events			
Specific and/or unique accomplishments to each FY are as follows:				
FY 2018 Plans: Decrease in funding from FY 2017 to FY 2018 due to completion of t - Complete Kinetic Warhead (KW) and Guidance Section (GS) qualif Development - Complete requirements verification of Japanese sections post qualif	ications as required to complete Aegis SM-3 Block IIA C	Co-		
FY 2019 Plans: N/A				
FY 2018 to FY 2019 Increase/Decrease Statement: Decrease in funding from FY 2018 to FY 2019 due to completion of t	he Aegis SM-3 Block IIA Co-Development Program.			
	Accomplishments/Planned Programs Sub	ototals 88.130	8.816	0.00

C. Other Program Funding Summary (\$ in Millions)

Exhibit R-2A, RDT&E Project Justification: PB 2019 Missile Defense Agency

			FY 2019	FY 2019	FY 2019				Cost To	
<u>Line Item</u>	FY 2017	FY 2018	Base	OCO	<u>Total</u>	FY 2020	FY 2021	FY 2022	FY 2023 Complete	Total Cost
 0603884C: Ballistic 	252.665	278.145	220.876	-	220.876	250.238	267.502	263.758	260.273 Continuing	Continuing
Missile Defense Sensors										
• 0603890C: <i>BMD</i>	435.203	465.642	540.926	-	540.926	542.326	608.210	489.637	496.313 Continuing	Continuing
Enabling Programs										
 0603892C: AEGIS BMD 	889.489	860.788	767.539	-	767.539	780.085	707.901	693.256	562.748 Continuing	Continuing
0603896C: Ballistic Missile	465.433	454.862	475.168	-	475.168	515.239	494.873	492.119	515.529 Continuing	Continuing
Defense Command and										

Control, Battle Management

& Communication

Remarks

D. Acquisition Strategy

The SM-3 Cooperative Development program for the SM-3 Block IIA missile utilizes a performance-based approach that ties program decision milestones to the performance of development prototypes, as well as Propulsion Test Vehicle and Controlled Test Vehicle flight test article performance. Acquisition of hardware, software modifications and required services will occur in conjunction with contractual and tasking efforts to U.S. Navy work and events, and as defined by signed agreements between the Governments of the United States and Japan.

PE 0604881C: AEGIS SM-3 Block IIA Co-Development Missile Defense Agency

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R-1 Line #110

Date: February 2018

Exhibit R-2A, RDT&E Project Justification: PB 2019 Missile Defense Agence	Date: February 2018	
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604881C I AEGIS SM-3 Block IIA Co- Development	Project (Number/Name) MD09 I SM-3 Block IIA Co-Development
E. Performance Metrics SM-3 Block IIA Program Office is utilizing Incentive-based contracts to ensure	project completes on time.	

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Missile Defense Agency

Appropriation/Budget Activity

0400 / 4

R-1 Program Element (Number/Name)
PE 0604881C I AEGIS SM-3 Block IIA Co-

Development

Project (Number/Name)

MD09 I SM-3 Block IIA Co-Development

Date: February 2018

Product Developmer	nt (\$ in Mi	illions)		FY 2	2017	FY 2	2018	FY 2 Ba	:019 se	FY 2	2019 CO	FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
SM-3 Block IIA Cooperative Development (SCD) - SM-3 Block IIA Cooperative Development (SCD) - SM-3 Blk IIA Development - MD09	SS/CPAF	RAYTHEON : AZ	1,825.435	76.358	Nov 2016	8.816	Nov 2017	0.000		-		0.000	0.000	1,910.609	0.000
SM-3 Block IIA Cooperative Development (SCD) - SM-3 Block IIA Cooperative Development (SCD) - SM-3 Blk IIA Development and Canister - MD09. No longer funding in the FYDP	Various	Various : MD, VA, MA, CA, IN	282.234	11.772		0.000		0.000		-		0.000	0.000	294.006	0.000
	•	Subtotal	2,107.669	88.130		8.816		0.000		-		0.000	0.000	2,204.615	N/A

Remarks

N/A

	Prior Years	FY 2	017	FY 2	018	FY 2 Ba	FY 201 OCO		Cost To	Total Cost	Target Value of Contract
Project Cost Totals	2,107.669	88.130		8.816		0.000	-	0.000	0.000	2,204.615	N/A

Remarks

Funding in the All Prior Years column represents a summary of Prior Years Total Costs for all contracts.

PE 0604881C: AEGIS SM-3 Block IIA Co-Development Missile Defense Agency

Appropriation/Budget Activity	• • • •								lumber/Name) M-3 Block IIA Co-Development		
		Deve	lopment						•		
Significant Event Complete ▲ Milestone Decision Complete ★ Significant Event Planned △ Milestone Decision Planned ☆		Element Test Comple Element Test Planne		System Level Test Complet System Level Test Planned							
			FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023		
MD09 SM-3 Block IIA Co-Development			\Diamond \Diamond \Diamond	\Diamond \Diamond \Diamond							

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Missile Defense Agency			Date: February 2018
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Nu	umber/Name)
0400 / 4	PE 0604881C I AEGIS SM-3 Block IIA Co-	MD09 / SM	-3 Block IIA Co-Development
	Development		

Schedule Details

	Sta	art	End		
Events	Quarter	Year	Quarter	Year	
MD09 SM-3 Block IIA Co-Development	1	2017	4	2018	

Exhibit R-2A, RDT&E Project Justification: PB 2019 Missile Defense Agency											Date: February 2018		
Appropriation/Budget Activity 0400 / 4					, , , ,					umber/Name) 1-3 Block IIA Co-Development			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost	
MT09: SM-3 Block IIA Co- Development Test	34.551	11.424	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	45.975	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			

Note

No funding needed.

A. Mission Description and Budget Item Justification

Working with the Services' Operational Test Agencies (OTA), with the support of the Director of Operational Test and Evaluation (DOT&E), MDA developed a test program to improve confidence in missile defense capabilities under development and ensure the capabilities transferred to the warfighter are operationally effective, suitable, and survivable.

The Integrated Master Test Plan (IMTP) is event-oriented and extends until the collection of all identified data is completed to ensure adequate test investments. MDA is focused on conducting meaningful ballistic missile testing that demonstrates the capabilities of the BMDS.

The MDA and the Japanese Ministry of Defense conduct the Standard Missile Cooperative Development (SCD) Project for the development and initial flight test of the SM-3 Block IIA in accordance with the jointly signed SCD Annex. The Joint signed SCD Program Schedule (dated October 2013) includes the following test events:

- * Restrained Firing COMPLETE
- * Propulsion Test Vehicle 1 (PTV-1) Completed FY 2014
- * Controlled Test Vehicle 1 (CTV-1) Completed FY 2015
- * Controlled Test Vehicle 2 (CTV-2) Completed FY 2016
- * SCD Flight Test Standard Missile (FTM) 1 (SFTM-01) Planned for FY2017
- * SCD FTM 2 (SFTM-02) Planned for FY 2017

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019
Title: SM-3 Co-Development Flight Test Execution	11.424	0.000	0.000
Articles:	-	-	-
Description: This activity conducts ground and flight testing using the Aegis BMD 5.1 system to improve confidence in missile defense capabilities under development and ensure the capabilities transferred to the warfighter are operationally effective, suitable, and survivable. Recurring Accomplishments:			

PE 0604881C: AEGIS SM-3 Block IIA Co-Development Missile Defense Agency

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Exhibit R-2A, RDT&E Project Just	ification: PB	2019 Missile	e Defense Ag	gency					Date: Fe	bruary 2018			
Appropriation/Budget Activity 0400 / 4				PE 06		nent (Numb EGIS SM-3 E	er/Name) Block IIA Co-		Project (Number/Name) MT09 / SM-3 Block IIA Co-Development Test				
B. Accomplishments/Planned Pro	grams (\$ in N	/lillions, Art	icle Quantit	ies in Each)				FY 2017	FY 2018	FY 2019		
 Prepare for and conduct Ballistic I Test Plan and the Exhibit R-4 scheo Conduct Aegis BMD-specific anal 	lule.	·				ected in the l	ntegrated Ma	ster					
FY 2018 Plans: N/A													
FY 2019 Plans: N/A													
FY 2018 to FY 2019 Increase/Dec r N/A	ease Statem	ent:											
				Accon	nplishments	s/Planned P	rograms Sul	ototals	11.424	0.000	0.00		
C. Other Program Funding Summ	ary (\$ in Milli	ons)											
-	•		FY 2019	FY 2019	FY 2019					Cost To			
Line Item	FY 2017	FY 2018	Base	<u>000</u>	<u>Total</u>	FY 2020	FY 2021	FY 202		Complete			
• 0603884C: Ballistic	252.665	278.145	220.876	-	220.876	250.238	267.502	263.75	58 260.273	Continuing	Continuir		
Missile Defense Sensors	405.000	405.040	F 40 000		F 40,000	F 40 000	000 040	400.00	7 400.040	0	0		
• 0603890C: <i>BMD</i>	435.203	465.642	540.926	-	540.926	542.326	608.210	489.63	37 496.313	Continuing	Continuii		
Enabling Programs • 0603892C: AEGIS BMD	889.489	860.788	767.539		767.539	780.085	707.901	693.25	562 749	Continuing	Continuir		
0603896C: Ballistic Missile	465.433	454.862	475.168	_	475.168	515.239	494.873	492.11		Continuing			
Defense Command and	100.100	101.002	170.100		170.100	010.200	10 1.07 0	102.11	010.020	Continuing	Continui		
Control, Battle Management													
& Communication													
 0604878C: Aegis BMD Test 	131.012	137.783	95.756	-	95.756	80.684	94.138	146.91		Continuing			
• 0604880C: <i>Land</i>	40.452	30.486	27.692	-	27.692	29.263	28.370	27.22	28 28.225	Continuing	Continuir		
Based SM-3 (LBSM3)													
<u>Remarks</u>													
D. Acquisition Strategy													
N/A													

PE 0604881C: *AEGIS SM-3 Block IIA Co-Development* Missile Defense Agency

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Missile Defense Agence	y	Date: February 2018
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604881C / AEGIS SM-3 Block IIA Co- Development	Project (Number/Name) MT09 / SM-3 Block IIA Co-Development Test
E. Performance Metrics N/A		

PE 0604881C: *AEGIS SM-3 Block IIA Co-Development* Missile Defense Agency

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Missile Defense Agency

rigerioy

Date: February 2018

Appropriation/Budget Activity

0400 / 4

R-1 Program Element (Number/Name)
PE 0604881C / AEGIS SM-3 Block IIA Co-

Project (Number/Name)

MT09 I SM-3 Block IIA Co-Development

Development

Test

Test and Evaluation (aluation (\$ in Millions)			FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
SM-3 Co-Development Flight Test Execution - SM-3 Block IIA Cooperative Development (SCD) - SM-3 Blk IIA Development - MT09. No longer funding in the FYDP	Various	Various : AZ, CA, VA, MD, HI, MA, TX	34.551	11.424	Oct 2016	0.000		0.000		-		0.000	0.000	45.975	0.000
		Subtotal	34.551	11.424		0.000		0.000		-		0.000	0.000	45.975	N/A

Remarks

N/A

	Prior Years	FY 2	2017	FY 2	2018	FY 2 Ba		2019 CO	FY 2019 Total	Cost To	Total Cost	Target Value of Contract
							 				= = = =	= = = = = = = = = = = = = = = = = = = =
Project Cost Totals	34.551	11.424		0.000		0.000	-		0.000	0.000	45.975	N/A

Remarks

N/A

Exhibit R-4, RDT&E Schedule	Profile: PB 2019 Missile Defens	e Agency					Date: Fe	bruary 2018	
Appropriation/Budget Activity 1400 / 4	1		R-1 Program Ele PE 0604881C / A Development				(Number/N SM-3 Block		lopment
Significant Event Complete ▲ Significant Event Planned △	Milestone Decision Complete ★ Milestone Decision Planned ☆	Element Test Element Test	Planned 🔷	System	Level Test Complete Level Test Planned	0	Complete A Planned Ac	tivity 💠	
IMTP v19.1 flight and ground test even	nt details are at a higher classification.		FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023 ♦ ♦ ♦ <

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Missile Defense Agency			Date: February 2018
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
0400 / 4	PE 0604881C I AEGIS SM-3 Block IIA Co-	MT09 / SM	1-3 Block IIA Co-Development
	Development	Test	

Schedule Details

	St	art	Eı	nd
Events	Quarter	Year	Quarter	Year
IMTP v19.1 flight and ground test event details are at a higher classification.	1	2017	4	2023

Exhibit R-2A, RDT&E Project Justification: PB 2019 Missile Defense Agency											Date: February 2018		
Appropriation/Budget Activity 0400 / 4						am Elemen B1C <i>I AEGI</i> S ent	•	•	Project (Number/Name) MD40 / Program-Wide Support				
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost	
MD40: Program-Wide Support	73.205	2.718	0.923	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	76.846	
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-			

Note

FY 2017 and FY 2018, Program Wide Support reflects proportional changes as a result of a budget decrease and a FY 2019 elimination of the SM-3 Block IIA Co-Development program element.

Funding in the All Prior Years column represents a summary of Prior Years Total Costs for active contracts, Military Interdepartmental Purchase Requests on the R-3.

A. Mission Description and Budget Item Justification

PWS contains non-headquarters management costs in support of MDA functions and activities across the entire BMDS. It Includes Government Civilians and Contract Support Services. This provides integrity and oversight of the BMDS as well as supports MDA in the development and evaluation of technologies that will respond to the changing threat. Additionally, PWS includes Global Deployment personnel and support performing deployment site preparation and activation, and provides facility capabilities for MDA Executing Agent locations. Other MDA wide costs includes: physical and technical security; civilian drug testing; audit readiness; the Science, Technology, Engineering, and Mathematics (STEM) program; legal services and settlements; travel and agency training; office, equipment, vehicle, and warehouse leases; utilities and base operations; data and unified communications support; supplies and maintenance; material and readiness and central property management of equipment; and similar operating expenses. PWS is allocated on a pro-rata basis and therefore, fluctuates by year based on the adjusted RDT&E profile (which excludes: 0305103C Cyber Security Initiative, 0603274C Special Programs, 0603913C Israeli Cooperative Program and 0901598C Management Headquarters).

### Title: Program Wide Support ### Articles:	B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019
Pescription: N/A FY 2018 Plans: N/A FY 2019 Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement:	Title: Program Wide Support	2.718	0.923	0.000
FY 2018 Plans: N/A FY 2019 Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement:	Articles:	-	-	-
N/A FY 2019 Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement:	Description: N/A			
FY 2019 Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement:	FY 2018 Plans:			
N/A FY 2018 to FY 2019 Increase/Decrease Statement:	N/A			
FY 2018 to FY 2019 Increase/Decrease Statement:	FY 2019 Plans:			
	N/A			
N/A	FY 2018 to FY 2019 Increase/Decrease Statement:			
	N/A			
Accomplishments/Planned Programs Subtotals 2.718 0.923 0.0	Accomplishments/Planned Programs Subtotals	2.718	0.923	0.000

PE 0604881C: AEGIS SM-3 Block IIA Co-Development Missile Defense Agency

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Missile Defense Agence	Date: February 2018	
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604881C I AEGIS SM-3 Block IIA Co- Development	Project (Number/Name) MD40 / Program-Wide Support
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy N/A		
E. Performance Metrics N/A		

PE 0604881C: *AEGIS SM-3 Block IIA Co-Development* Missile Defense Agency

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Missile Defense Agency

Appropriation/Budget Activity

0400 / 4

R-1 Program Element (Number/Name)

PE 0604881C I AEGIS SM-3 Block IIA Co-Development Project (Number/Name)

MD40 I Program-Wide Support

Date: February 2018

Support (\$ in Millions)		FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
Program Wide Support - Agency Operations Management	Allot	Various: Multi : ALless than CAless than COless than VA	6.549	0.045	Jul 2017	0.018	Jul 2018	0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Other Agency Services	MIPR	Defense Manpower Data Center : AL,CA, CO, VA	0.009	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Service	C/CPFF	Various : Multi: AL, CA, CO, VA	11.258	2.673	Jul 2017	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services	C/Various	Various; Multi : AL, CO, VA	51.716	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services (FFP)	C/FFP	Various : Multi: AL, CA, CO, VA	0.000	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services (Reqn)	Reqn	Various : Multi: AL, CA, CO, VA	0.000	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Facilities and Maintenance	MIPR	Various: Multi : AK, AL, CA, VA	3.673	0.000		0.905	Aug 2018	0.000		-		0.000	Continuing	Continuing	Continuing
		Subtotal	73.205	2.718		0.923		0.000		-		0.000	Continuing	Continuing	N/A

Remarks

N/A

		Prior Years	FY 2	017	FY 2	2018	FY 2019 Base		2019 CO	FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Pı	roject Cost Totals	73.205	2.718		0.923		0.000	-		0.000	Continuing	Continuing	N/A

Remarks

N/A

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Appropriation/Budget Activity 0400 / 4			,					Project (Number/Name) MD40 / Program-Wide Support			
Significant Event Complete ▲ Significant Event Planned △	Milestone Decision Complete ★ Milestone Decision Planned ☆	Element Test Co Element Test Pla				evel Test Comp evel Test Plann		Complete Activity ◆ Planned Activity ◆			
			FY 20	17	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	
MD40 Program-Wide Support			\$ \$ \$	> 	$\Diamond \Diamond \Diamond \Diamond$						

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Missile Defense Agency			Date: February 2018
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
0400 / 4	PE 0604881C I AEGIS SM-3 Block IIA Co-	MD40 I Pro	ogram-Wide Support
	Development		

Schedule Details

	St	art	End		
Events	Quarter	Year	Quarter	Year	
MD40 Program-Wide Support	1	2017	4	2018	